

10/568438

IAP20 Rec'd PCT/PTO 14 FEB 2006

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q77187

Eiji IHARA, et al

Appln. No.: National Stage of PCT/JP2004/012222

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: February 14, 2006

Examiner: Unknown

For: CUBIC BORON NITRIDE, METHOD FOR PRODUCING CUBIC BORON NITRIDE,  
GRINDING WHEEL WITH CUBIC BORON NITRIDE, AND SINTERED CUBIC  
BORON NITRIDE COMPACT

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following:  
U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action

INFORMATION DISCLOSURE STATEMENT  
Appln. No.: National Stage of PCT/JP2004/012222  
Attorney Docket No. Q77187

on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of an English-language International Search Report from the International Searching Authority in the International Application citing such documents, including at least that portion of the International Search Report indicating the degree of relevance found by the International Searching Authority and a copy of an English-language Written Opinion of the International Searching Authority citing and discussing the documents .

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: English language abstracts, submitted herewith, constitute concise statements of relevance for Japanese Examined Patent Application Publication Nos. JP-B-61-283 (the abstract for JP-A-60-005007), JP-B-5-94 (the abstract for JP-A-61-017405), JP-B-5-95 (the abstract for JP-A-61-031306), and JP-53-47239 (the abstract for JP-A-51-146400) which are cited on pages 2 to 4 of the specification. In addition, the listed U.S. 5,000,760 corresponds to the listed JP-B-4-2296 which is also cited on pages 2 to 4 of the present specification, and the listed U.S. 2004/0265203 corresponds to the listed WO 2004/069399.

**10/568438**

**IAP20 Rec'd PCT/PCTQ 14 FEB 2006**

INFORMATION DISCLOSURE STATEMENT  
Appln. No.: National Stage of PCT/JP2004/012222  
Attorney Docket No. Q77187

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

*Sheldon I. Landsman*

Sheldon I. Landsman  
Registration No. 25,430

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE  
**23373**  
CUSTOMER NUMBER

Date: February 14, 2006

14 FEB 2006

MODIFIED PTO/SB/08 A &amp; B (06-03)

Substitute for Form 1449 A & B/PTO				Complete if Known 14 FEB 2006	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	National Stage of PCT/JP2004/012222
(use as many sheets as necessary)				Confirmation Number	Unknown
Sheet	1	of	1	Filing Date	February 14, 2006
				First Named Inventor	Eiji IHARA
				Art Unit	Unknown
				Examiner Name	
				Attorney Docket Number	Q77187

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 5,332,629	A	07/26/1994	HITOSHI SUMIYA, ET AL
		US 2004/0265203	A1	12/30/2004	HIROHIKO OHTSUBO, ET AL
		US 3,772,428		11/13/1973	R. C. DE VRIES, ET AL
		US 5,000,760		03/19/1991	HIROHIKO OHTSUBO, ET AL
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		EP	0 407 946	A1	01/16/1996	SUMITOMO ELECTRIC INDUSTRIES, LIMITED	
		WO	2004/069399	A1	08/19/2004	SHOWA DENKO K.K.	Abstract
		JP	61-283	B2	01/07/1986	SHOWA DENKO K.K.	Patent Abstracts of Japan for JP-A-60-005007 corresponds to JP-B-61-283
		JP	5-94	B2	01/05/1993	SHOWA DENKO K.K.	Patent Abstracts of Japan for JP-A-61-017405 corresponds to JP-B-5-94
		JP	5-95	B2	01/05/1993	SHOWA DENKO K.K.	Patent Abstracts of Japan for JP-A-61-031306 corresponds to JP-B-5-95
		JP	53-47239		12/19/1978	TOSHIBA CORP.	Patent Abstracts of Japan for JP-A-51-146400 corresponds to JP-53-47239
		JP	4-2296	B2	01/17/1992		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature	Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.